

Gouging or groove preparation use

GOUGING CARBON

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Product Features:

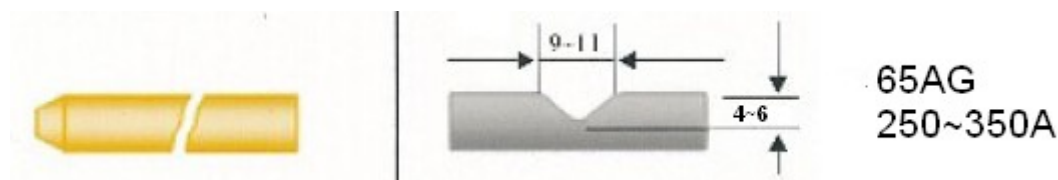
- High heat arc produced between gouging carbon rod and workpiece to melt metal and blown off by high pressure air to get good gouging groove or cutting surface.

Applications:

- Back gouging of first side root pass(es) when welding with double sided joint. To remove inside defects for welding repair. Suitable for cutting of cast iron, high carbon steel, stainless steel, high alloy steel and non metallic materials when those workpieces are difficult cut by ordinary oxyacetylene cutting process.

GOUGING CARBONS [AC] (For gouging, cutting and boring)

Model No.	Size		Current Range (amp)	Metal Removal (g/cm)	Groove		Cutting Width (m/m)	Boring Dia.(m/m)
	(m/m)	(inch)			Width(m m)	Depth(mm)		
40AG	4.0x 305	5/32x12	100~250	Approx 6	6 ~ 8	3 ~ 4	Approx 6	Approx 7
50AG	5.0x305	3/16x12	200~300	Approx 10	7~9	3 ~ 5	Approx 7	Approx 8
65AG	6.5x305	1/4x12	250~350	Approx 15	9~11	4 ~ 6	Approx 9	Approx 10
80AG	8.0x305	5/16x12	300~450	Approx 24	10~12	5 ~ 7	Approx 10	Approx 11
95AG	9.5x305	3/8x12	350~450	Approx 32	12~14	6 ~ 8	Approx 12	Approx 13



Note:

- 1.Keep the angle between work and gouging rod about at 10°.
- 2.The arc (produced by the tip of gouging rod to touch the work groove) heat and melt the base metal.
- 3.The melting metal is blown out by pressurized air to form a gouged groove.